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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/810,963
	Filing Date	03/26/2004
	First Named Inventor	Rueckes, et al.
	Art Unit	2818
	Examiner Name	TBA
	Attorney Docket Number	112020.146US2 NAN-22
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Michael A. Diener
Signature	
Date	4-12-05

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Typed or printed name	Tina M. Dougal
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Date	4-12-05

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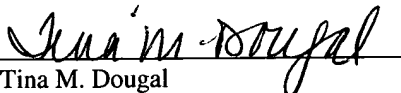
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: RUECKES, et al.
Application No.: 10/810,963 Examiner: Unknown
Filed: March 26, 2004 Group Art Unit: 2818
For: Non-Volatile RAM Cell and Array Using Nanotube Switch Position
for Information State
Atty. Docket No.: 112020.146 US2 (NAN-22)

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

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Tina M. Dougal

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INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants bring to the attention of the Examiner the documents listed on the attached Form PTO-1449.

This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. No certification or fee is believed to be due. If, however, a fee is due, please charge our Deposit Account No. 08-0219.

Appln. No: 10/810,963
RUECKES, et al.
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Only a copy of the listed foreign publication is enclosed. Copies of the U.S. Patents and U.S. Publications, although not enclosed, can be provided upon request.

Applicants request that the Examiner initial and return a copy of the enclosed Form PTO-1449 with the next communication.

Respectfully submitted,

Dated: April 12, 2005



Michael A. Diener
Registration No. 37,122
Attorney for Applicants

Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109
617-526-6000 (telephone)
617-526-5000 (facsimile)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application No.	10/810,963
Filing Date	March 26, 2004
First Named Inventor	RUECKES, et al.
Art Unit	2818
Examiner Name	TBA
Attorney Docket Number	112020.146 US2 NAN-22

Sheet 1 of 1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-2004/0175856 A1	09-09-2004	JAIPRAKASH et al.	
		US-2004/0181630 A1	09-16-2004	JAIPRAKASH et al.	
		US-2005/0041465 A1	02-24-2005	RUECKES et al.	
		US-2005/0047244 A1	03-03-2005	RUECKES et al.	
		US-2005/0056877 A1	03-17-2005	RUECKES et al.	
		US-6,548,841	04-15-2003	FRAZIER et al.	
		US-6,803,840	10-12-2004	HUNT et al.	
		US-6,809,465	10-26-2004	JIN	
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FOREIGN PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		WO 04/065657 A1	08-05-2004	Nantero, Inc.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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